



Issue Classification 	Application No.	Applicant(s)	
	08/441,355	HOUGHTON ET AL.	
	Examiner	Art Unit	
	Mary K Zeman	1631	

ISSUE CLASSIFICATION										
ORIGINAL				CROSS REFERENCE(S)						
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
435		5		435	7.1	948	960			
INTERNATIONAL CLASSIFICATION				436	501	538	63	86	811	820
c	1	2	q	1/70						
g	0	1	n	33/53						
g	0	1	n	33/00						
g	0	1	n	33/566						
g	0	1	n	/						
(Assistant Examiner) (Date) <i>Tim Plunkett</i> 1/6/03 (Legal Instruments Examiner) (Date)				<i>MKZ</i> MARY K. ZEMAN PRIMARY EXAMINER <i>12/03/03</i> (Primary Examiner) (Date)				Total Claims Allowed: 131		
								O.G. Print Claim(s) 118	O.G. Print Fig. none	

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original		
	1		31		61		91		121		151		36 181		
	2		32		62		92		122	48	152		23 182		
	3		33		63		93	3	123		153		63 183		
	4		34		64		94	4	124		154		6 184		
	5		35		65		95	5	125		155		7 185		
	6		36		66		96		126		156		8 186		
	7		37		67		97		127		157		9 187		
	8		38		68		98		128	43	158		10 188		
	9		39		69		99	11	129		159		65 189		
	10		40		70		100	12	130	51	160		66 190		
	11		41		71		101	13	131	56	161		67 191		
	12		42		72		102	39	132		162		74 192		
	13		43		73		103		133		163		68 193		
	14		44		74		104		134	44	164		76 194		
	15		45		75		105		135		165		70 195		
	16		46		76		106	27	136		166		78 196		
	17		47		77		107	14	137		167		72 197		
	18		48		78		108	47	138		168		75 198		
	19		49		79		109		139	28	169		69 199		
	20		50		80		110		140	15	170		77 200		
	21		51		81		111		141	52	171		71 201		
	22		52		82		112	31	142		172		79 202		
	23		53		83		113	18	143		173		73 203		
	24		54		84		114	55	144		174		80 204		
	25		55		85		115		145	32	175		81 205		
	26		56		86		116		146	19	176		82 206		
	27		57		87		117		147	57	177		89 207		
	28		58		88	1	118	35	148		178		83 208		
	29		59		89	2	119	22	149		179		91 209		
	30		60		90		120	40	150		180		85 210		

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			/									
			/									
			/									
(Assistant Examiner) (Date)				(Primary Examiner) (Date)						Total Claims Allowed:		
(Legal Instruments Examiner) (Date)										O.G. Print Claim(s)	O.G. Print Fig.	

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
93	211		241		271		301		331	24	361				391
87	212		242		272	108	302	122	332	29	362				392
90	213		243		273		303		333	33	363				393
84	214		244		274		304	123	334	37	364				394
92	215		245		275		305		335	41	365				395
86	216		246		276		306	124	336	49	366				396
94	217		247		277	111	307		337	59	367				397
88	218		248		278		308		338	45	368				398
95	219		249		279		309	125	339	53	369				399
	220		250		280		310		340	61	370				400
	221		251		281		311	126	341	17	371				401
	222		252		282	96	312		342	21	372				402
	223		253		283	58	313	127	343	25	373				403
	224		254	97	284	26	314		344	30	374				404
	225		255		285	114	315	128	345	34	375				405
	226		256	98	286		316	129	346	38	376				406
	227		257		287		317	130	347	42	377				407
	228		258	99	288		318	131	348	50	378				408
	229		259	100	289		319	106	349	60	379				409
	230		260	101	290		320	109	350	46	380				410
	231		261		291	117	321	112	351	54	381				411
	232		262		292		322	115	352	62	382				412
	233		263		293		323	118	353	64	383				413
	234		264		294	102	324	107	354		384				414
	235		265		295	103	325	110	355		385				415
	236		266		296	104	326	113	356		386				416
	237		267	105	297	120	327	116	357		387				417
	238		268		298		328	119	358		388				418
	239		269		299		329	16	359		389				419
	240		270		300	121	330	20	360		390				420